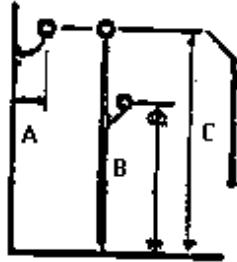
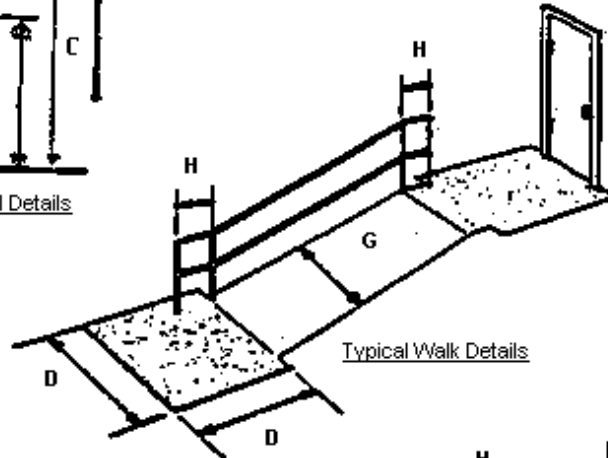


# RAMPS & WALKS SPECIFICATIONS



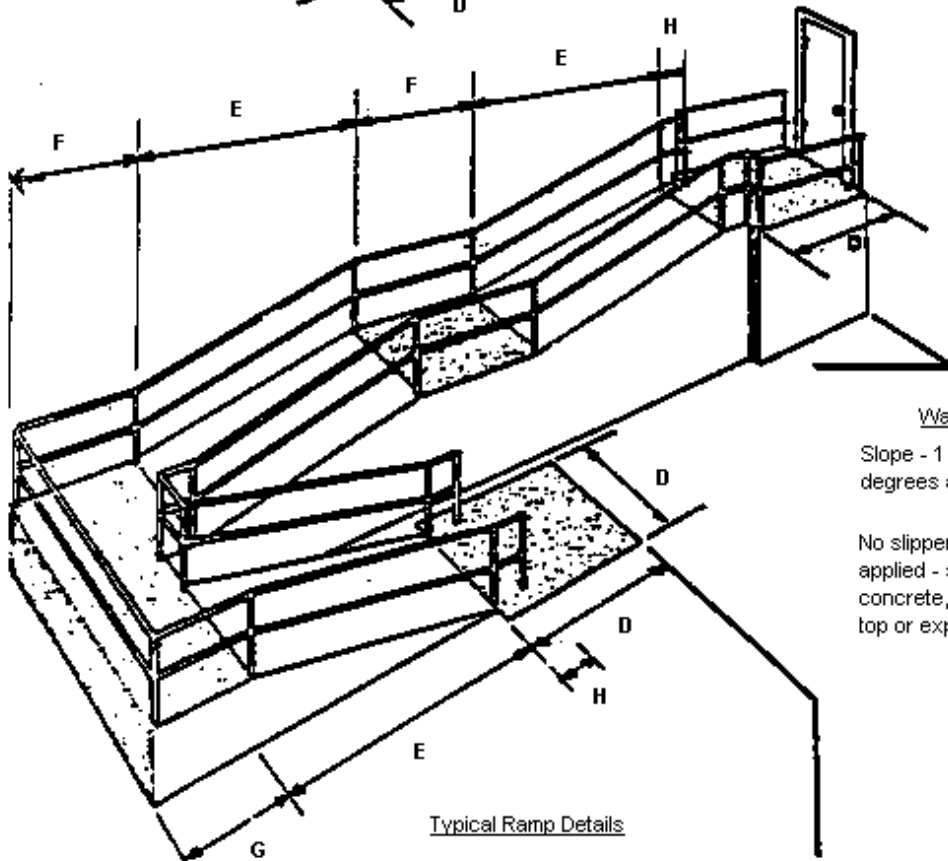
Hand Rail Details



Typical Walk Details

## Dimensions

- A - 1-1/2" min. Wall clearance
- B - 19" to 24" mid rail
- C - 32" top rail max.
- D - 5' x 5' platform top and bottom of ramp.
- E - 30' rest interval max.
- F - 5' level rest platform
- G - Walk 4' min. width ramp 4' min. width
- H - 1' rail beyond top or bottom of walk or ramp.



Typical Ramp Details

## Walks - Ramps

Slope - 1 in 12 or 8.33% or 4 degrees and 50 min.

No slippery material to be applied - surface rough concrete, broom finish, black top or exposed aggregate.

RAMPS- Ramps provided within the designated path of travel should comply with the following Standards:

- (a) Handrails should be set preferably on two sides of ramps. The hand-grip portion of handrails should be not less one and one-quarter (1 ¼) inches more than two (2) inches outside diameter and should be of such design to be readily grasped by hand, and should have smooth surface with no sharp corners. A minimum clearance of one and one-half (1 ½) inches shall exist between a wall and the wall rail. Where codes specify handrails to be at heights other than thirty-two (32) inches, it is recommended that two sets of handrails be installed to serve all people. Where major traffic is predominantly children, extra handrails (mid-rails) should be provided between nineteen (19) and twenty-four (24) inches in height.
- (b) Ramps should have platforms at the top and bottom which is at least five feet by five (5) feet, pitched to drain, sloped not over one foot in twenty feet (1 in 20). The top platform should extend at least one (1) foot beyond the latch side of the doorway.
- (c) Ramps should have a continuous surface that is non-slip, e.g., wood-float concrete, broom-finish concrete, exposed-aggregate concrete, blacktop, etc., and no slipper material may be applied to any ramp. Ramps should not be carpeted except with dense carpeting of low pile, non-absorbent, tautly fitted without padding. Carpet ending in the path of travel should be secured with an edging strip not higher than one half (1/2) inch.

\*SBC (APPROVED FOR ADOPTION 1977)

Ramps (Section 508.2)- Ramps where provided for accessibility with designated paths they shall be in compliance with SBC Section 1118(f) – The width and enclosure of exit ramps shall be in accordance with Section 1112 – Ramps shall provide a continuous – projected across to the street or to an open area or space leading to a street. Such passageways may not be less in width than the tributary thereto; i.e., there shall not be a reduction in the width of the passageway.

The height shall not be less than eight (8) feet and the slope shall not be greater than one foot in twelve feet (1' in 12'), and shall have a non-slip surface. Handrails shall be provided on one side at a height of thirty-two (32) inches from the surface of the ramp, and shall extend one foot (1') beyond the top and bottom. The ramp shall have a ramp platform at least three (3) feet wide, with one foot (1) extension on each side of an entry door and six (6) feet straight clearance at the bottom.

\*ANSI

This standard recommends top and bottom platforms for ramps the same as those defined above (SBC) for Walks. Rest platforms shall be provided at thirty (30) foot intervals for purposes of safety and these platforms shall be level.